

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Alkylidene complexes of ruthenium containing N-heterocyclic carbene ligands; use as highly active, selective catalysts for olefin metathesis

the specification of which

- is attached hereto
- was filed on March 18, 1999 as International Patent Application PCT/EP 99/01785 and including all the amendments through the date hereof.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) for which Priority is Claimed:

Federal Republic of Germany, 19815275.2 of April 06, 1998

And I hereby appoint

Albert F. Bower, Reg.No. 15,449; Rudolf E. Hutz, Reg.No. 22,397; Harold Pezzner, Reg.No. 22,112; John D. Fairchild, Reg.No. 19,756; Richard M. Beck, Reg.No. 22,580; Paul E. Crawford, Reg.No. 24,397; Thomas M Meshbeshier, Reg.No. 25,083; Robert G. McMorrow, Jr., Reg.No. 30,962; Patricia Smink Rogowski, Reg.No. 33,791; Ashley I. Pezzner, Reg.No. 35,646; William E. McShan, Reg. 32,707; James T. Moore, Reg. No. 35,619

all of Connolly, Bove, Lodge and Hutz, Market St., Wilmington, Delaware 19899-2007, my attorneys with full power of substitution, to prosecute this application, and transact all business in the Patent and Trademark Office connected therewith and I hereby request that all correspondence in this application be directed to

Connolly, Bove, Lodge and Hutz
1220 Market St.
Wilmington, Delaware 19899
Telephone (302) 658-9141

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR(S) / Residence

- 1) Prof. Dr. Wolfgang Anton HERRMANN, Gartenstraße 69c, 85354 Freising, Germany

Signature: Wolfgang Herrmann Date: Aug. 18, 2000

- 2) Dr. Wolfgang SCHATTENMANN, Burg 13, 84489 Burghausen, Germany

Signature: _____ Date: _____

- 3) Thomas WESKAMP, Symyx Technologies, 3100 Central Expressway, Sta. Clara, CA 95051, USA

Signature: _____ Date: _____

Citizenship : 1) - 3) German

Post Office Address of all Inventors:

Aventis Research & Technologies GmbH & Co KG
Patent- und Lizenzabteilung, Geb. D 706
D-65926 Frankfurt am Main
Germany

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As below named-inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Alkylidene complexes of ruthenium containing N-heterocyclic carbene ligands; use as highly active, selective catalysts for olefin metathesis

the specification of which

- is attached hereto
- was filed on March 18, 1999 as International Patent Application PCT/EP 99/01785 and including all the amendments through the date hereof.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) for which Priority is Claimed:

Federal Republic of Germany, 19815275.2 of April 06, 1998

And I hereby appoint

Albert F. Bower, Reg.No. 15,449; Rudolf E. Hutz, Reg.No. 22,397; Harold Pezzner, Reg.No. 22,112; John D. Fairchild, Reg.No. 19,756; Richard M. Beck, Reg.No. 22,580; Paul E. Crawford, Reg.No. 24,397; Thomas M Meshbesh, Reg.No. 25,083; Robert G. McMorrow, Jr., Reg.No. 30,962 ; Patricia Smink Rogowski, Reg.No. 33,791; Ashley I. Pezzner, Reg.No. 35,646; William E. McShane, Reg. 32,707; James T. Moore, Reg. No. 35,619

all of Connolly, Bove, Lodge and Hutz, Market St., Wilmington, Delaware 19899-2007, my attorneys with full power of substitution, to prosecute this application, and transact all business in the Patent and Trademark Office connected therewith and I hereby request that all correspondence in this application be directed to

Connolly, Bove, Lodge and Hutz
1220 Market St.
Wilmington, Delaware 19899
Telephone (302) 658-9141

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR(S) / Residence

- 1) Prof. Dr. Wolfgang Anton HERRMANN, Gartenstraße 69c, 85354 Freising, Germany

Signature: _____

Date: _____

- 2) Dr. Wolfgang SCHATTENMANN, Burg 13, 84489 Burghausen, Germany

Signature: _____

Date: 25.09.00

- 3) Thomas WESKAMP, Symyx Technologies, 3100 Central Expressway, Sta. Clara, CA 95051, USA

Signature: _____

Date: _____

Citizenship : 1) - 3) German

Post Office Address of all Inventors:

Aventis Research & Technologies GmbH & Co KG
Patent- und Lizenzabteilung, Geb. D 706
D-65926 Frankfurt am Main
Germany

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY

As below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below, I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled

Alkylidene complexes of ruthenium containing N-heterocyclic carbene ligands; use as highly active, selective catalysts for olefin metathesis

the specification of which

■ is attached hereto

■ was filed on March 18, 1999 as International Patent Application PCT/EP 99/01785 and including all the amendments through the date hereof.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s) for which Priority is Claimed:

Federal Republic of Germany, 19815275.2 of April 06, 1998

And I hereby appoint

Albert F. Bower, Reg.No. 15,449; Rudolf E. Hutz, Reg.No. 22,397; Harold Pezzner, Reg.No. 22,112; John D. Fairchild, Reg.No. 19,756; Richard M. Beck, Reg.No. 22,580; Paul E. Crawford, Reg.No. 24,397; Thomas M. Meshbesh, Reg.No. 25,083; Robert G. McMorro, Jr., Reg.No. 30,962; Patricia Smink Rogowski, Reg.No. 33,791; Ashley I. Pezzner, Reg.No. 35,646; William E. McShane, Reg. 32,707; James T. Moore, Reg. No. 35,619 all of Connolly, Bove, Lodge and Hutz, Market St., Wilmington, Delaware 19899-2007, my attorneys with full power of substitution, to prosecute this application, and transact all business in the Patent and Trademark Office connected therewith and I hereby request that all correspondence in this application be directed to

Connolly, Bove, Lodge and Hutz
1220 Market St.
Wilmington, Delaware 19899
Telephone (302) 658-9141

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

INVENTOR(S) / Residence

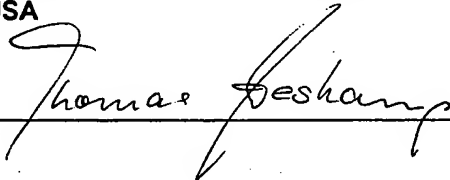
1) Prof. Dr. Wolfgang Anton HERRMANN, Gartenstraße 69c, 85354 Freising, Germany

Signature: _____ Date: _____

2) Dr. Wolfgang SCHATTENMANN, Havelstraße 15, 81677 München,

Signature: _____ Date: _____

3) Thomas WESKAMP, Symyx Technologies, 3100 Central Expressway, Sta. Clara, CA 95051, USA

Signature:  Date: 5.9.2000

Citizenship : 1) - 3) German

Post Office Address of all Inventors: Aventis Research & Technologies GmbH & Co KG
Patent- und Lizenzabteilung, Geb. D 706
D-65926 Frankfurt am Main
Germany